

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"5953377"	US-PGPUB; USPAT	OR	ON	2007/04/06 10:14
L2	1	"20010034871"	US-PGPUB; USPAT	OR	ON	2007/04/06 10:14
L3	11218	375/130,140,141,145,259,260,261, 262,265,295,316,340,341.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:26
L4	2290	714/699,746,786,794,795.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:26
L5	35	(encod\$3) same ( effect\$3 near6 sub\$1channel)	US-PGPUB; USPAT	OR	ON	2007/04/06 11:28
L6	24	(repetition\$3 or repeat\$2) near4 convolution\$4 near4 (encod\$3) same (set\$4 or estimat\$3 or evaluat\$3) near3 rat\$3	US-PGPUB; USPAT	OR	ON	2007/04/06 11:29
L7	4	3 and 6	US-PGPUB; USPAT	OR	ON	2007/04/06 11:30
L8	12	CHOI-WON-JOON.in.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:32
L9	5	SUN-QINFANG.in.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:32
L10	32	GILBERT-JEFFREY-M.in.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:32
S1	187	(convolution\$4 near4 encod\$3 near4 data) same (repeat\$3 or repetition\$3)	US-PGPUB; USPAT	OR	ON	2006/10/17 16:48
S2	1	(convolution\$4 near4 encod\$3 near4 data) same (en\$1hanc\$4 near3 transmi\$5 near3 data) with (repeat\$3 or repetition\$3)	US-PGPUB; USPAT	OR	ON	2006/10/17 16:50
S3	76	(convolution\$4) same (repeat\$3 or repetition\$3) near3 encod\$3 near3 data	US-PGPUB; USPAT	OR	ON	2006/10/17 17:03
S4	30426	wire\$1less with channel	US-PGPUB; USPAT	OR	ON	2006/10/17 16:51
S5	12	S3 and S4	US-PGPUB; USPAT	OR	ON	2006/10/17 16:51
S6	2	(convolution\$4) same (repeat\$3 or repetition\$3) near3 encod\$3 near3 data same combin\$2 same decod\$3	US-PGPUB; USPAT	OR	ON	2006/10/17 17:04
S10	2	"10263415"	US-PGPUB; USPAT	OR	ON	2006/10/18 15:40
S11	49	(convolution\$2 near3 encoder) same (repetition near4 encoder)	US-PGPUB; USPAT	OR	ON	2006/10/18 11:19

## EAST Search History

S48	1	(encod\$3) same pseudo\$1random near3 mask\$3 same (re\$1mov\$3) near3 mask\$3	US-PGPUB; USPAT	OR	ON	2006/10/18 16:53
S49	1	(encod\$3) same pseudo\$1random near3 mask\$3 same (((re\$1mov\$3) near3 mask\$3) or de\$1mask\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:53
S50	25	(encod\$3) same pseudo\$1random near3 mask\$3	US-PGPUB; USPAT	OR	ON	2006/10/18 16:53
S51	3	(encod\$3) near2 pseudo\$1random near3 mask\$3	US-PGPUB; USPAT	OR	ON	2006/10/18 16:55
S52	22	S50 not S51	US-PGPUB; USPAT	OR	ON	2006/10/18 16:54
S53	0	(encod\$3) near2 pseudo\$1random near3 de\$1mask\$3	US-PGPUB; USPAT	OR	ON	2006/10/18 16:55
S54	0	pseudo\$1random near3 de\$1mask\$3	US-PGPUB; USPAT	OR	ON	2006/10/18 16:55
S55	58173	pseudo\$1random near3 de\$1mask\$3 or (remov\$3 near3 mask\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:56
S56	58173	(pseudo\$1random near3 de\$1mask\$3) or (remov\$3 near3 mask\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:56
S57	1	(pseudo\$1random near3 de\$1mask\$3) or (remov\$3 near3 pseudo\$1random near3 mask\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:57
S58	6	((pseudo\$1random or "pn")near3 de\$1mask\$3) or (remov\$3 near3 (pseudo\$1random or "pn" )near3 mask\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 17:03
S59	1	(repetition) with (encod\$3) same (frequency near5 domain) same (compensat\$3 with effect near6 sub\$1channel)	US-PGPUB; USPAT	OR	ON	2006/10/19 10:10
S63	2	(encod\$3) same (frequency near5 domain) and (compensat\$3 same effect near6 sub\$1channel)	US-PGPUB; USPAT	OR	ON	2006/10/19 10:13
S65	2	(encod\$3) same (compensat\$3 same effect\$3 near6 sub\$1channel)	US-PGPUB; USPAT	OR	ON	2006/10/19 10:15
S66	34	(encod\$3) same ( effect\$3 near6 sub\$1channel)	US-PGPUB; USPAT	OR	ON	2007/04/06 11:26
S67	0	(encod\$3) same ( effect\$3 near6 sub\$1channel) same channel with quality	US-PGPUB; USPAT	OR	ON	2006/10/19 10:15
S68	5292	(estimat\$3 or determin\$5 or calculat\$3 or evaluat\$3) with (channel with quality)	US-PGPUB; USPAT	OR	ON	2006/10/19 12:42

## EAST Search History

S11 4	4	S113 and viterbi	US-PGPUB; USPAT	OR	ON	2006/10/19 17:19
S11 5	42489	mask near2 remov\$3	US-PGPUB; USPAT	OR	ON	2006/10/19 17:23
S11 6	329	encoder same hard with decision	US-PGPUB; USPAT	OR	ON	2006/10/19 17:24
S11 7	2	S115 and S116	US-PGPUB; USPAT	OR	ON	2006/10/19 17:20
S11 8	58245	mask near5 remov\$3	US-PGPUB; USPAT	OR	ON	2006/10/19 17:24
S11 9	3	S116 and S118	US-PGPUB; USPAT	OR	ON	2006/10/19 17:23
S12 0	465	encoder same phase with offset	US-PGPUB; USPAT	OR	ON	2006/10/19 17:24
S12 1	3	S118 and S120	US-PGPUB; USPAT	OR	ON	2006/10/19 17:24
S12 2	14567	(repetition or repeat\$3) near4 cod\$3	US-PGPUB; USPAT	OR	ON	2006/10/19 17:25
S12 3	37	S118 and S122	US-PGPUB; USPAT	OR	ON	2006/10/19 17:25
S12 7	6081	375/259,260,261,262,265,295,316. ccls.	US-PGPUB; USPAT	OR	ON	2006/10/20 11:56
S12 8	10443	375/130,140,141,145,259,260,261, 262,265,295,316,340,341.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:26
S12 9	0	"714,699,746,786,794,795".ccls.	US-PGPUB; USPAT	OR	ON	2006/10/20 12:01
S13 0	2136	714/699,746,786,794,795.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:26
S13 1	10	CHOI-WON-JOON.in.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:32
S13 2	5	SUN-QINFANG.in.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:32
S13 3	29	GILBERT-JEFFREY-M.in.	US-PGPUB; USPAT	OR	ON	2007/04/06 11:32